

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jongill Hong et al.
 Serial No.: 10/664,066
 Conf. No.: 3251
 Filed: 9/16/2003
 For: MAGNETORESISTIVE SPIN-VALVE SENSOR
 AND MAGNETIC STORAGE APPARATUS
 Art Unit: 1773
 Examiner: Bernatz, Kevin M.



I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

December 5, 2005

Date Registration No. 37,538
 F-CLASS.WCM Attorney for Applicant(s)
 Appr. February 20, 1998

Mail Stop Amendment
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

Dear Sir:

Transmitted herewith is a communication regarding the above-identified application.

Fee Calculation For Claims As Amended

	As Amended		Previously Paid For		Present Extra	Rate		Additional Fee
Total Claims	5	-	20	=	0	x	\$ 50.00	= \$ 0.00
Independent Claims	2	-	3	=	0	x	\$200.00	= \$ 0.00
Fee for Multiple Dependent Claims							\$360.00	= \$ 0.00
							Total Additional Fee	\$ 0.00
							Small Entity Fee (reduced by half)	\$

(X) Petition for Extension of Time (in duplicate) with check for \$120.00.

(X) Amendment D.

(X) If a Petition under 37 C.F.R. §1.136(a) for an extension of time for response is required to make the attached response timely and does not separately accompany this transmittal, Applicant(s) hereby petition(s) under 37 C.F.R. §1.136(a) for an extension of time for response in the above-identified application for the period required to make the attached response timely.

(X) The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

December 5, 2005
 300 South Wacker Drive – Suite 2500
 Chicago, Illinois 60606
 Tel.: (312) 360-0080
 Fax: (312) 360-9315
 Customer No.: 24978

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By: *James K. Folker*
 James K. Folker, Reg. No. 37,538